

ABSTRACT OF THE DISCLOSURE

An apparatus that fixes a stator of a motor of a reciprocal compressor is provided. The apparatus includes a front frame, a cylinder inserted into and coupled to the front frame, an outer stator supported by and contacting the front frame, an inner stator formed in a cylindrical shape and inserted onto an outside circumferential surface of the cylinder with a predetermined interval from an inside diameter of the outer stator, a mover inserted between the outer stator and the inner stator and coupled to a piston inserted into the cylinder, and a stator fixing device incorporated with the front frame to pass through the cylinder or the inner stator in a longitudinal direction that supports and fixes both sides of the inner stator.